

## Section 654

Following placement of the PADC mixture to the appropriate line, grade and thickness, begin rolling when the mat has cooled sufficiently to support the weight of an 8 to 12 ton steel-wheel tandem roller. Mat temperature at the time of initial rolling shall be approximately 175°F to 225°F. The number of roller passes will be 2 or 3, unless otherwise directed. Consolidate the drainage layer sufficiently with rolling so as to support the weight of equipment that will place the next layer of pavement. Do not compact the drainage layer to the extent that it is not free draining or that the aggregate is crushed.

No construction traffic will be allowed to travel on any PADC layer. Only equipment necessary to place the next layer of pavement will be allowed on the drainage layer.

Do not place PADC that will not be covered with the next layer of pavement during the same calendar year or within 15 days of placement if the PADC is placed in January or February.

### 652-5 QUALITY MANAGEMENT SYSTEM FOR ASPHALT PAVEMENTS

Produce the PADC in accordance with the Section 609.

### 652-6 MEASUREMENT AND PAYMENT

*Permeable Asphalt Drainage Course, Type \_\_\_\_* will be paid as the actual number of tons of drainage course incorporated into the completed and accepted work. The drainage course will be measured by being weighed in trucks on certified platform scales or other certified weighing devices.

*Asphalt Binder for Plant Mix* will be paid in accordance with Article 620-4.

Payment will be made under:

Pay Item	Pay Unit
Permeable Asphalt Drainage Course, Type P-78M	Ton
Permeable Asphalt Drainage Course, Type P-57	Ton

## SECTION 654

### ASPHALT PLANT MIX, PAVEMENT REPAIR

#### 654-1 DESCRIPTION

Perform the work covered by this section including, but not limited to, repairing of existing pavement with asphalt plant mix in order to provide a safe, passable and convenient condition for traffic, or to replace pavement removed in order to remove or to place pipe lines.

Perform the work by cutting the existing pavement to a neat vertical joint and uniform line; removing and disposing of pavement, base and subgrade material as approved or directed; coating the area to be repaired with a tack coat; furnishing, placing and compacting asphalt plant mix; and replacing of the removed material with asphalt plant mix.

Make the repairs in accordance with the plans, or as approved or directed.

#### 654-2 MATERIALS

Where a pavement repair detail is not shown in the plans, use an approved asphalt plant mix.

Where a pavement repair detail is shown in the plans, the type of plant mix shall be in accordance with the pavement repair detail except where the Specifications permit the substitution of another type of plant mix or where approved.

In areas where the existing pavement is not to be resurfaced, the Contractor will not be allowed to substitute a different type of surface course from that shown on the pavement repair detail.

**654-3 CONSTRUCTION METHODS****(A) General**

Perform repair of existing pavement as approved or directed. Coordinate the work with all other work and operations necessary to maintain traffic.

**(B) Pipe Removal or Installation**

Where traffic is to be maintained, perform the removal or installation of pipe in sections so that half the width of the roadway will be available to traffic. Immediately upon completion of the entire pipeline removal or installation, repair the pavement.

**654-4 MEASUREMENT AND PAYMENT**

*Asphalt Plant Mix, Pavement Repair* will be paid as the actual number of tons of asphalt plant mix, complete in place, used to make completed and accepted repairs, except for those repairs made necessary by the contractor's negligence. The asphalt plant mixed material will be measured by being weighed in trucks on certified platform scales or other certified weighing devices.

Any requirements included in the contract that provide for adjustments in compensation due to variations in the price of asphalt cement will not be applicable to payment for the work covered by this section.

Payment will be made under:

<b>Pay Item</b>	<b>Pay Unit</b>
Asphalt Plant Mix, Pavement Repair	Ton

**SECTION 657****SEAL EXISTING PAVEMENT CRACKS AND JOINTS****657-1 DESCRIPTION**

The work consists of sealing existing longitudinal and transverse pavement cracks and joints with hot applied joint sealer at locations as directed by the Engineer. The Contractor will not be required to seal the existing edge joints.

**657-2 MATERIALS**

Refer to Division 10.

<b>Item</b>	<b>Section</b>
Hot Applied Joint Sealer	1028-2

**657-3 CONSTRUCTION METHODS**

Install the sealant so that it forms a complete watertight bond with a high degree of elasticity, with maximum flexibility and longevity under extreme temperature ranges.

Clean cracks and joints using a hot compressed air lance to blast out any vegetation, dirt, dampness and loose materials from the cracks and joints. Equip the air compressor with suitable traps and filters to remove moisture and oil from the compressed air. Use the hot air lance to dry and warm the adjacent pavement immediately before sealing. Direct flame dryers are not allowed.